CHRYSOPINAE IN NEUROPTERA AND DIPTERA: PROPOSED USE OF THE PLENARY POWERS TO REMOVE HOMONYMY. Z.N.(S.) 1725

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The subfamily name CHRYSOPINAE is at present in use in two different senses in different orders of insects. In the Neuroptera it is in use for a subfamily of the CHRYSOPIDAE, and in Diptera for a subfamily of the family TABANIDAE.

2. The green lace-wings were first treated as a special taxon by W. G. Schneider in 1851 under the name CHRYSOPINA (*Symbolae ad monographiam generis Chrysopae, Leach.* Vratislaviae: 35). In 1853 Newman (*Zoologist* **11,** App.: cc) changed the name to CHRYSOPIDAE, the family name now in world-wide use for these well-known insects. This family was divided in 1918 by Esben-Petersen (*Ark.Zool.* **11** (26): 27) into subfamilies, one named CHRYSOPINAE, with the genus *Chrysopa* Leach, 1815, as type-genus.

3. In the order Diptera the subfamily name CHRYSOPINAE was established in 1909 by Lutz (*Zool. Jahrb.*, Suppl. **10** (4): 674) with the genus *Chrysops* Meigen, 1803, as the type-genus.

4. According to information from Mr. J. Griffin, Classical Adviser to the Commission, the family-group name CHRYSOPINAE is the correct form from both *Chrysopa* and *Chrysops.* In the Code under Article 55a, a similar situation has been dealt with and, according to the example given, *Chrysops* should form CHRYSOPINAE and *Chrysopa* CHRYSOPAINAE.

5. In this particular case, however, another solution, according to Mr. Griffin equally possible, is preferred, viz. *Chrysops* should form CHRYSOPSINAE and *Chrysopa* CHRYSOPINAE for the following reasons. (a) The name from *Chrysopa* Leach, CHRYSOPINAE, is the older of the two and is far better known. (b) From *Chrysopa* Leach is also formed the family-name CHRYSOPIDAE, which has been used in numerous publications and text books for more than 100 years. (c) The name formed from *Chrysops* Meigen, CHRYSOPINAE, refers only to a subfamily. It seems less well known and is not generally accepted by dipterologists. It has been accepted by Mackerras, Leclerqu and Oldroyd in their recent books but is not used by Surcouf (*Genera Insectorum*, 1921), Kröber (*Die Fliegen der Palaearkt. Region*, 1925) or Dinulescu (*Fauna R.P.R.*, 1958). These authors have dealt with the genus *Chrysops* Meigen as belonging to the subfamily PANGONINAE and have apparently found it superfluous to create a separate subfamily for that genus.

6. The purpose of the present application is to ask the International Commission to use its plenary powers to validate the most well known and universally used CHRYSOPIDAE and CHRYSOPINAE in their accustomed sense in the Order Neuroptera, i.e. with the genus *Chrysopa* Leach, 1815, as the type-genus, and to suppress the use of the subfamily name CHRYSOPINAE as used in the order Diptera with the genus *Chrysops* Meigen, 1803, as the type-genus, and also to rule that the subfamily name CHRYSOPINAE with *Chrysops* as type-genus shall be altered to CHRYSOPSINAE in order to avoid homonymy.

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7. The generic name *Chrysopa* Leach has already been placed on the Official List of Generic Names by Opinion 211. *Chrysops* Meigen, 1803 (*Mag. f. Insektenk.* (Illiger) **2** : 265) should now also be placed on the Official List of Generic Names as the basis for the family-group name CHRYSOPSINAE. The type-species of *Chrysops*, by monotypy, is *Tabanus caecutiens* Linnaeus, 1758 (*Syst. Nat.* (ed. 10) **1** : 602).

8. The International Commission on Zoological Nomenclature is therefore asked:

(1) to use its plenary powers to Rule that the correct form for the family-group name based on *Chrysops* Meigen, 1803, is CHRYSOPSINAE;

(2) to place the following family-group names on the Official List of Family-Group Names in Zoology:
   (a) CHRYSOPINAE (correction of CHRYSOPINA) Schneider, 1851 (type-genus *Chrysopa* [Leach, 1815]) (Order Neuroptera);
   (b) CHRYSOPSINAE (emend. under the plenary powers of CHRYSOPINAE) Lutz, 1909 (type-genus *Chrysops* Meigen, 1803) (Order Diptera);

(3) to place the generic name *Chrysops* Meigen, 1803 (gender: feminine), type-species, by monotypy, *Tabanus caecutiens* Linnaeus, 1758, on the Official List of Generic Names in Zoology;

(4) to place the specific name *caecutiens* Linnaeus, 1758, as published in the binomen *Tabanus caecutiens* (type-species of *Chrysops* Meigen, 1803) on the Official List of Specific Names in Zoology;

(5) to place the following family-group names on the Official Index of Rejected and Invalid Family-Group Names in Zoology:
   (a) CHRYSOPINA Schneider, 1851 (type-genus *Chrysopa* [Leach, 1815]) (an incorrect original spelling for CHRYSOPINAE);
   (b) CHRYSOPINAE Lutz, 1909 (type-genus *Chrysops* Meigen, 1803) (Ruled under the plenary powers in (1) above to be an incorrect original spelling for CHRYSOPSINAE).